

ESTROGEN-REGULATED UNCONVENTIONAL MYOSIN-RELATED PROTEIN: COMPOSITIONS AND METHODS OF USE

ABSTRACT OF THE DISCLOSURE

The present invention provides nucleic acid and protein sequences for a novel estrogen-regulated unconventional myosin protein, as well as methods for using the sequences for modulating the effects of estrogen in mammalian cells, methods of detecting estrogen signaling in cells, and methods of identifying compounds capable of acting as an estrogen receptor agonist or antagonist.

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